9075 SMART PROGRAMMER INSTRUCTIONS

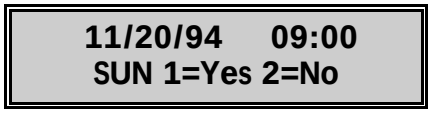
rev.5

The 9075 Smart Programmer contains 16 programming slots that can be used to store programming information for any of the CADDX panels. Standard programs can be stored for each panel type and then transferred to the corresponding CADDX panel in the field. The panel program mode can then be entered from the 9075 to customize the customer account code, user codes, and any other customer specific information. The 9075 Smart Programmer can also be used to copy the programming information from one panel to another. When two AAA batteries are used, the 9075 Smart Programmer maintains the current TIME, DATE, and DAY. This information can be transferred automatically to the control panel with a few keystrokes.

INITIAL OPERATION

Plug in the 9075 with the two connectors provided, making sure that the **STRIPE** of the six pin connector is positioned towards the **TOP** of the control panel or towards the **LEFT** of the control panel as it sits in the metal can. The larger six pin connector plugs into the EEPROM PROGRAMMER connection. The smaller five pin connector is keyed and plugs into the PROGRAMMER connection on the board.

Upon power up, the initial screen displays the TIME, DATE, and DAY stored in the 9075 clock chip. If the information is correct, press [1] to continue. If the information is incorrect, press [2] to reprogram the clock. The 9075 will enter a mode that allows you to program the correct TIME, DATE, and DAY. (Refer to the section on SETCLK for details about programming the TIME, DATE, and DAY.)



NOTE: If this screen contains unrecognizable words or language, it is a good indication that you have a low battery, no battery, or a new programmer. In either case, the 9075 clock function can still be used to program the control panel clock. However, the time will not be stored without a battery.

Shortcut: From the initial screen, you may enter the 8950 (Program A=Panel) mode directly by pressing the [A] key. Only the 5 pin connector is required for this operation.

When the following screen appears, enter the correct panel type that the 9075 is connected to. The panel type can be entered manually or by scrolling through possible types with the [D] key.

Enter panel type _____

[D] Key To enter the panel type with the [D] key, press the [D] key repeatedly until the correct panel type appears. Then press the [ρ] key to select the type shown.

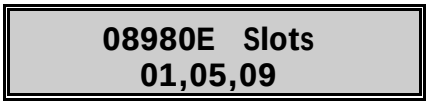
Manual Enter To enter the panel type manually, simply type in the panel type. The 9075 will only accept valid panel types. You must enter 6 digits. For panels with a letter as part of the name, use the following:

[A]	shows letter A
[B]	advances to B, C, etc.
[C] or [ρ]	chooses the letter shown

Please refer to the following:

PANEL	**ENTER**		**PANEL**	**ENTER**
7000	007000		8980E	8980E
7600	007600		8980LM	8980LM
8000	008000		9000	009000
8600	008600		9000E	09000E
8600E	08600E		AC800	000800
8900	008900		AC900	000900
8980	008980		9016X	09016X

If a valid panel type is entered, the following display shows which slots are preprogrammed for this panel type. A comma at the end of the last slot number indicates more slots preprogrammed for this panel type. Press the [ρ] key to show the remainder of the preprogrammed slots.



Or if no slots are preprogrammed for this panel type, the following screen will appear.

To advance to the first menu screen, **press any key**.

NOTE: When in the menu mode, you may return to the "ENTER PANEL TYPE _____" screen by pressing the [#] key. The [#] or [A] key serves as an escape from any subscreen to the previous screen.

MENU1

The following screen contains the Menu1 choices:

```
A=Time   B =Read
C=Write  D=Menu2
```

A=TIME

The A=TIME function allows you to program the DATE, TIME, and DAY into the panel from the 9075 clock. One of the following screens will appear, depending on the panel type:

For the 8600, 8980E, etc.:

```
Days to next
report __
```

For the 9000 and 9000E:

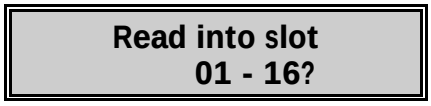
```
Days from last
report __
```

At this point, enter the two digit number requested to transfer the clock information to the panel, **OR** press [#] for escape. The following screen will appear while the clock information is being transferred.

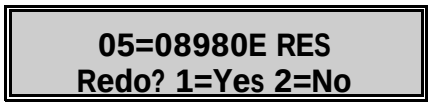
```
Transferring...
Please  wait
```

B=READ

The B=Read function reads from the panel programming worksheet (excluding the download and clock areas) into any of the 16 slots. The chosen slot is automatically labeled with the connected panel type. When the following screen appears, type the two digit number for the chosen slot, OR press [#] to escape.



If the chosen slot is already designated for a certain panel, the following message will appear:

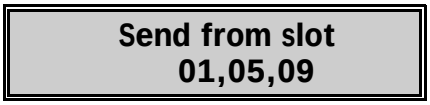


This is a safety feature designed to prevent accidental replacement of a preprogrammed worksheet. Press the [2] key to escape, OR press the [1] key to replace the slot information. The following screen will appear while the information is being transferred from the panel to the chosen slot.

The panel type is automatically updated during the read. However, the three character slot descriptors, i.e. RES above for "residential" or --- for none, must be changed through the B=LOCAL mode.

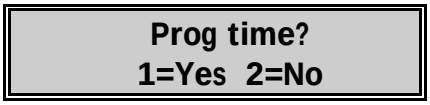
C=WRITE

The C=Write function writes the programming worksheet (excluding the download and clock areas) from any of the 16 slots of the same type as the connected panel. Enter the two digit slot number to begin writing, OR type [#] to escape. A comma at the end of the last slot number indicates more slots programmed for this panel type. Press the [ρ] key to show the remainder of the slots.



The following screen will be displayed while the programming worksheet is being transferred:

After the transfer is complete, press [1] to transfer the current DATE, TIME, and DATE from the 9075 clock to the connected panel. Press [2] to skip the clock transfer. (Please refer to section A=Time for more details about transferring the DATE, TIME, and DAY.)



D=MENU2 Press the [D] key to switch to the Menu2 screen.

MENU2

The following screen contains the Menu2 choices:

```
A=Setclk  B=Comp
C=Program D=Menu1
```

A=SET CLOCK

The A=Setclk function sets (or checks) the DATE, TIME, and DAY of the internal 9075 clock. This is a free running clock that is maintained by 2-AAA batteries installed in the 9075. If these batteries are low or not present, the clock may still be programmed. However, the DATE, TIME, and DAY will have to be reprogrammed each time the 9075 is powered up.

The following screen allows for programming the Month, Date, and Year on the top line. Military time must be used to program the Hours and Minutes on the second line. The 9075 clock information will display on the screen. To change this information, enter each desired number as the cursor advances, OR press the [ρ] key to simply advance the cursor to the next position. The cursor will roll over from the last time position to the day position on the screen below. (Press the [A] key to abort this function, or the [#] key to advance quickly from the Date/Time screen to the Day screen.)

----See Top of Next Page for Example---

```
Date __/__/__
Time __:__
```

When the following screen appears, press key [1] - [7] to program the current Day of the Week.

```
Enter day  Sun=1
```

(1 - 7) __

B=COMPARE

The B=Comp function compares the panel programming worksheet (excluding the download and clock areas) with any of the 16 slots of the same type as the connected panel. Enter the two digit slot number to begin comparing, OR press [#] to escape. A comma at the end of the last slot number indicates more slots programmed for this panel type. Press the [ρ] key to show the remainder of the slots.

Compare to slot **01,05,09**

The following screen will be displayed while the programming worksheet is being compared to the chosen 9075 slot:

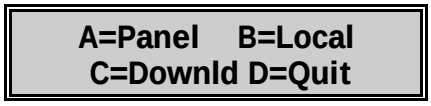
Comparing... **Please wait**

If the compare is successful, the screen will return to Menu2.
When a mismatch is detected the following screen appears showing the mismatched LOCATION, the 9075 PROGRAMMER data and the CONTROL panel data. Press [#] to advance to the next mismatched location, OR the [A] key to abort the compare mode.

Location = ___ **Pgm= __ Ctl= __**

C=PROGRAM

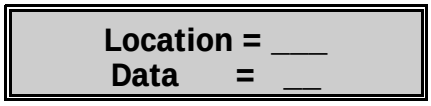
The C=Program function provides access to the three programming modes shown below:



The three programming modes use the following scheme for entering and viewing program information. Access a location by typing in the location number followed by the [#] key, Or simply press the [#] key to advance to the next location. Data is entered with the [ρ] key. Exit any of the programming modes by entering [9][3][0][#].

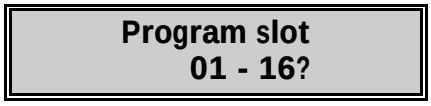
A=PANEL

The A=Panel function allows direct access to the panel program mode, similar to plugging in an 8950 programmer. The panel can be defaulted by entering [2][1][0][#] or [9][1][0][#]. To complete the programming of defaults or new data, some panels require the keypresses [2][2][0][#] or [9][2][0][#]. This mode can be used to program the customer specific information, such as the account code and user codes into a panel after transferring a standard program from one of the 16 programming slots. This mode can also be used to check the clock data in the panel. As with the 8950 programmer, if the panel is programmed for Local Programming Lockout, all data will appear to be 15's in this mode.

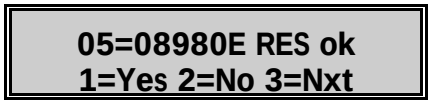


B=LOCAL

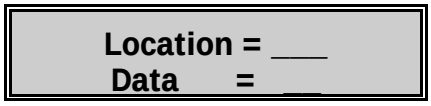
The B=Local function allows access to each of the 16 9075 programming slots. When the following screen appears, press the two digits corresponding to the programming slot that you wish to view. (Note: The only way to factory default any of the 16 slots is to READ a factory defaulted panel into the programming slot.)



The following screen will appear showing the chosen slot along with the corresponding panel type (or the word NONE if the slot has not been previously programmed or read into). A three character slot descriptor follows the panel type (or --- if the descriptor has not been programmed). Press the [1] to keep the type shown and enter the slot programming mode, press [2] to change the type and/or descriptor shown, press [3] to advance to the next slot number, or [#] to escape back to Menu2. To delete this slot, press the [D] key, and the word "NONE" will appear for the panel type and --- for the slot descriptor.



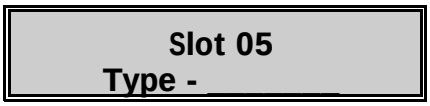
If 1=YES is chosen, the slot or local programming mode is accessed, as shown below. In this mode, the data in the slot may be viewed or changed. Type [9][3][0][#] to exit.



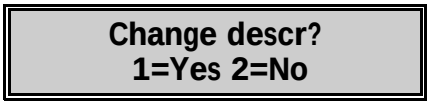
If 2=No is chosen, the choice is given to change the panel type that corresponds to the slot. Enter 1=Yes to change the panel type for the slot or 2=No to continue to the change description screen.

1=Yes 2=No _

The following screen allows the panel type to be changed for this slot. Enter the six digit panel type either manually or by scrolling through the available panel types with the [D] key as described on page 2.

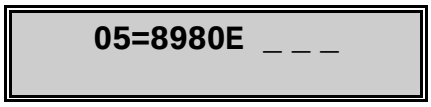


After a valid type is entered, the following screen will appear. Enter 1=Yes to change the slot descriptor or 2=No to continue to the programming worksheet.



The following screen allows the slot descriptor to be changed or added. Enter the characters according to the following:

[A]	shows letter A
[B]	advances to B, C, etc.
[C] or [ρ]	chooses the letter shown



After the third character is entered, the screen will advance to the first location of the programming worksheet for the chosen slot.

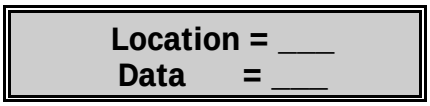
C=DOWNLOAD

The C=Downld function allows access to the download section of the control panel. If the panel has been secured, the 8 digit control panel access code (contained in the first 8 locations of the download area) must first be entered to gain access to this area. If the panel has not been secured, i.e. a new panel from the factory, access is allowed without entering a code.

When the following screen appears, enter the correct 8 digit access code by typing in the numbers. To type letters A-F, refer to the following:

[A]	shows letter A
[B]	advances to B,C,etc.
[C] or [ρ]	chooses the letter shown

If the control panel access code is correct, the download section will be entered, showing only the locations within the download area. Type [9][3][0][#] to exit and secure the panel.



NOTE: If LOCAL PROGRAMMING LOCKOUT is programmed in the download section, the 8-digit panel access code must first be entered and access gained to the download area before the READ, WRITE, COMPARE, or TIME functions will work.

D=MENU1 Press the [D] key to switch to Menu1.

NOTES

9075 SMART PROGRAMMER INSTRUCTIONS
9075-I.596 REV 5 (5-28-96)